

CARL H. BRADLEY
SECRETARY



WALLACE G. WILKINSON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FRANKFORT OFFICE PARK
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601

Received
FEB 12 1990

#27360

February 1, 1990

Mr. Craig Benedikt
CERCLA PA/SI Regional Project Officer
U.S. Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, Georgia 30365

RE: Preliminary Assessment (2) Report
Sealmaster Bearings Company
Morehead, Rowan County, Kentucky 40351
EPA ID# KYD 080958937

Dear Mr. Benedikt:

Please find enclosed the Preliminary Assessment (2) Report for Sealmaster Bearings (formerly Emerson Electric Company) in Rowan County. Based on this report, the following conclusions are made:

- 1) The hazardous wastes generated at this facility consist of heavy metals; wastes are generated only once every four (4) years.
- 2) There are no indications that any hazardous waste disposal has occurred on site.
- 3) Triplett Creek is located approximately 1,000 ft. south of the site and flows parallel to the facility.
- 4) Two ponds on the property are located approximately 750 ft. east of the facility.
- 5) Approximately 38 people utilize groundwater within a three (3) mile radius of the site.

Mr. Craig Benedict
Page Two
February 1, 1990

Based upon the evaluation of the available data, the Kentucky Division of Waste Management recommends that no further remedial action be planned under CERCLA for Sealmaster Bearings Company.

Sincerely,

A handwritten signature in cursive script, appearing to read "Carl Millanti".

Carl Millanti, Manager
Uncontrolled Sites Branch

CM/TV/mc

cc: Morehead Regional Office
File

**PRELIMINARY ASSESSMENT REPORT
SEALMASTER BEARINGS COMPANY
MOREHEAD, ROWAN COUNTY, KENTUCKY**

**BY
ANTHONY VINEGAR
ABANDONED HAZARDOUS WASTE SITES SECTION
UNCONTROLLED SITES BRANCH**

TABLE OF CONTENTS

Site History	1
Environmental Setting	1
Target Analysis	2
References	4

APPENDICES

- A - County Map of Rowan County, Site Illustration, Documentation of Site History
- B - Limited Quantity Generator Registration
- C - Memorandums concerning inspection of the facility, Documentation of Analysis for Hazardous Wastes
- D - Record of Communication with water companies, listing of Municipal Water Companies, Groundwater User documentation, U.S.G.S. Topographic Maps.
- E - Record of Communication on environmental problems
- F - Endangered Species Information
- G - Site Photographs

SITE HISTORY

Sealmaster Bearings is located off U.S. 60 at 101 Sealmaster Lane in Morehead, Kentucky. Sealmaster Bearings is an Emerson Power Transmission Plant; Emerson Power Transmission is a division of Emerson Electric Company. The headquarters for Sealmaster Bearings is based in Ithaca, New York. Corporate headquarters for Emerson Electric is located in St. Louis, Missouri (Appendix A).

Sealmaster Bearings in Rowan County was built in 1976 by Browning Manufacturing, another division of the Emerson Electric Company. Browning Manufacturing was the primary producer for bearing units until it phased out its operation in the summer of 1985. Sealmaster Bearings then moved their operation in from Aurora, Illinois (Appendix A).

Sealmaster Bearings currently employ 365 people from the area. Two important products are produced at this plant. They manufacture mounted and unmounted roller and ball bearing products. The manufacturing involves two main processes. The first process involves assembly of various components into ball bearing inserts. The second process involves machining cast iron housings and installing bearing inserts to produce mounted units such as pillow blocks and flange blocks. These products are used mainly in air handling and conveyor type applications (Appendix A).

Sealmaster Bearings registered as a limited quantity generator on July 1, 1986. Hazardous wastes will be generated once every four years. The waste is generated when the electrostatic paint dip line is cleaned and refurbished (Appendix A). There will be 1500 gallons of hazardous wastes consisting of liquids, semi-solids and solid wastes containing heavy metals. There are no hazardous wastes generated daily, monthly or yearly at this facility (Appendix B, C).

Sealmaster Bearings produces four different wastes during normal operations. These are: 1) grinding swarf 2) cast iron chips 3) mixed bulk wastes 4) skimmed oil. T.M. Regan Inc. has analyzed samples of these wastes documenting that they are non-hazardous (Appendix C).

Sealmaster Bearings has installed an ultrafiltration unit to separate the bulk wastes. The filtered material is disposed in city sewers while the filtrate is disposed of at the Local Sanitary Landfill as a non-hazardous permit modification (Appendix C).

ENVIRONMENTAL SETTING

The Sealmaster Bearings Plant is located within the Daniel Boone National Forest. The primary soil at this site is of the Johnsberg Series mixed with small amounts of the Mullins silt loam. These soils are typically found in areas having slopes of approximately 0-30%. These soils are brown and strongly acidic; the surface layer, which is eight inches thick, may be less acidic where it has reacted with lime. The permeability of this soil is slow, while the capacity of this soil to hold water is considered moderate. In areas that slope more these soils increase the potential for erosion (Reference 1).

The Johnsberg Series of soils are suited for water-tolerant crops, pastures and hay. The Johnsberg silt loam, being basically a wet soil, is often delayed in tillage by its wetness. If the soil is cultivated the probability of erosion is reduced (Reference 1).

Rowan County has a climate that is considered temperate. Throughout the year the average daily temperature is 69°F and 43°F at night. Precipitation is fairly well-distributed throughout the year; there are no distinct wet or dry seasons. The average annual precipitation is approximately 45.9 inches. In this region snowfall is in variable amounts from year to year with some winters having very little (Reference 1).

Rowan County is characterized by narrow winding ridges, steep valley walls and narrow bottoms. Mississippian rock covers most of Rowan County. The Mississippian rock is evenly bedded and contains acid siltstones that have shale and limestone partings. The upper layer of Mississippian rock is composed of limestones; this forms a discontinuous cliff in many areas and caps ridges. Limestone greatly affects the pH, reaction and fertility of the soils in the area. There is also Devonian rock in 38% of the county (Reference 1,2).

Drainage from the Sealmaster Bearings facility will flow in a southerly direction approximately 1,500 ft. into Triplett Creek. The terrain on which this facility is located slopes from 0-30% and contains a soil that has a slow permeability rate. Triplett Creek will eventually drain into the Licking River approximately 9 miles downstream. (Appendix D and Reference 1).

The Rowan County area obtains up to 1/3 of their water supply from private wells. Most of the communities use groundwater as their primary source for drinking water. Water from wells is soft. The wells in the valley bottoms are the most productive, generating from 100 to 500 gallons /day. However, wells found on hillsides produce much less usable water (Reference 1).

TARGET ANALYSIS

Sealmaster Bearings in Rowan County is located off U.S. 60 approximately two miles southwest of downtown Morehead.

Morehead and the surrounding communities are supplied by a surface water intake located on the Licking River. The surface water intake on the Licking River is not affected by any contamination that may migrate from the site. The intake is positioned 3.5 miles upstream from the point where Triplett Creek empties into Licking River. Any contaminant from the site entering Triplett Creek migrates westward approximately 9.0 miles downstream to the point where Triplett Creek and the Licking River intersect.

Morehead Utility Plant and Morehead State University Water Treatment work in cooperation to supply approximately 16,187 people with surface water within the city limits. Rowan Water Company is a major purchaser of surface water with connections throughout the County. Rowan Water Co. distributes their water to approximately 7, 656 people living in communities outside the city limits of Morehead, and also services several homes within the city of Morehead.

There are no indications that Sealmaster Bearings has released any type of hazardous wastes into the environment. If any hazardous wastes had migrated into the

groundwater there are no groundwater users located within two miles of the site. All homes within 2 miles are receiving drinking water from an area municipal water company (Reference 5 and Appendix E).

The potential groundwater users within a four mile radius of Sealmaster Bearings is steadily declining. There are approximately 133 people utilizing private wells or cisterns as their primary drinking water supply. Rowan Water Co. intends to supply all the area outside the city of Morehead with municipal water in the near future. (Appendix D) (Reference 3, 4, 5, 6)

There are a total of 19 plant and animal species within a four mile radius of Sealmaster Bearings which are listed as endangered, threatened, or of special concern by the Kentucky Nature Preserves Commission. The status designations assigned in Appendix F do not have any legal or statutory implications but are used as a tool by the Endangered Species Committee and the Kentucky Nature Preserves Commission to monitor the survival potential of a species. (Appendix F).

The species listed in Appendix F are shown on the U.S.G.S. topographic maps included in Appendix D. A yellow mark followed by numbers that correlate with KAS KNPC listings indicates the presence of that particular species identified in that particular area. The yellow marker is not an indicator of the range of these species. It only documents the general area where these species have been identified.

REFERENCES

1. U.S.D.A. 1974. Soil Survey of Menifee and Rowan Counties and Norwestern Morgan County, Kentucky.
2. U.S.G.S. 1979. Generalized Geologic Map of Kentucky.
3. U.S.G.S. 1979. Topographic Map of the Bangor Quadrangle.
4. U.S.G.S. 1975. Topographic Map of the Farmers Quadrangle.
5. U.S.G.S. 1975. Topographic Map of the Morehead Quadrangle.
6. U.S.G.S. 1975. Topographic Map of the Salt Lick Quadrangle.
7. U.S. Farm Bureau of Census 1988, Current Population Reports, Series P-26, No. 86-S-SC.
8. Transactions of the Kentucky Academy of Science, November 1986, Volume 47 No. 3-4.

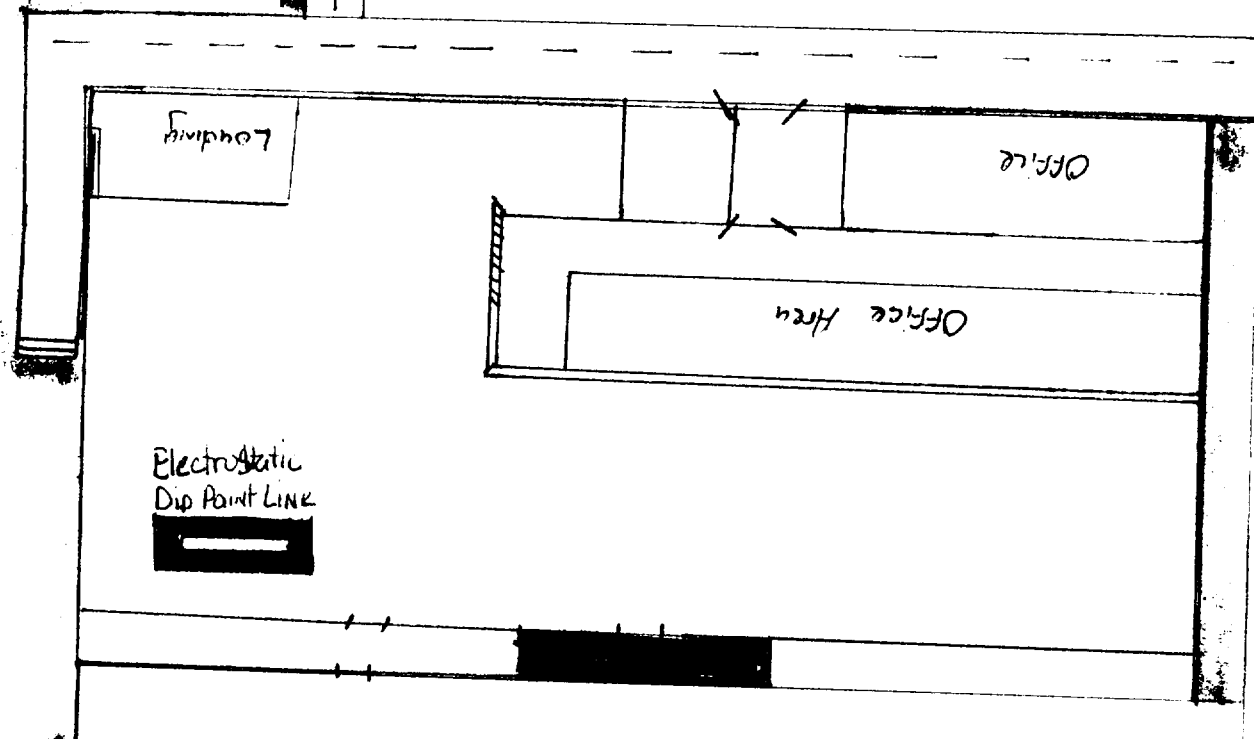
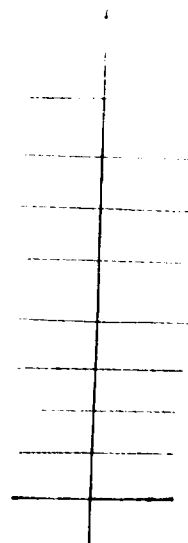
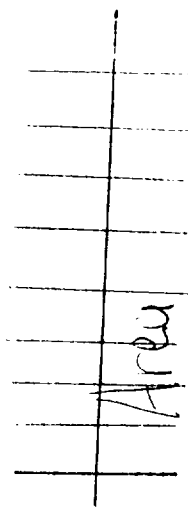
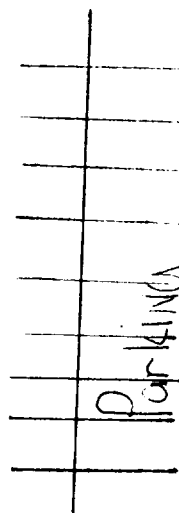
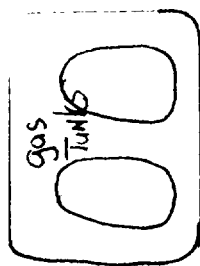
Rowan County

Sealmaster Bearings Location Map

1 in. = 2 miles



U.S. 60



Sealmaster Bearings

Location Map

Not to Scale

APR 21 1989

Sealmaster Bearings
Emerson Power Transmission
101 Sealmaster Lane
Morehead, Kentucky 40351

April 19, 1989

Division of Waste Management
Department of Environmental Protection
18 Reilly Road
Frankfort, Kentucky 40601
Attn: Tony Vinegar

Dear Mr. Vinegar:

In our recent telephone conversation you requested some general information about our facility and company. Sealmaster Bearings is an Emerson Power Transmission plant. Emerson Power Transmission is a division of Emerson Electric. Emerson Power Transmission has its headquarters in Ithaca, New York and Emerson Electric has its corporate headquarters in St. Louis, Missouri.

The Morehead, Kentucky plant was built in 1976 by Browning Manufacturing, another Emerson company. Browning produced bushings, fractional horsepower sheaves, and mounted bearing units in this plant until October, 1985. During the summer and fall of 1985 Browning phased out its operations here and Sealmaster took over the plant and began moving in part of their operations from a plant located in Aurora, Illinois.

We currently employ 365 people. We manufacture mounted and unmounted roller and ball bearing product. We have two main functions. One function or process is the assembly of ball bearing inserts. The process involves assembly of various components into ball bearing inserts. The second function is the machining of cast iron housings and installing bearing inserts to produce mounted units such as pillow blocks and flange blocks. Our products are used mainly in air handling and conveyor type applications.

We are registered as a limited quantity generator of hazardous waste. We will only generate hazardous waste every four or five years when our electrostatic dip paint line requires cleaning and refurbishing. So far, since its

installation in 1985, refurbishing has not been necessary. Based on experience from other plants, the 1500 gallons of liquid, semi-liquid, and solid waste will contain heavy metals. In the next few months, we will have samples analyzed in order to plan for proper handling and disposal.

I hope this letter contains all the information that you requested. Feel free to call if you need more. You mentioned that you will be visiting in the next couple of weeks. We welcome your visit and if you let me know when you are coming, I will make sure that I am available to give you a tour and provide any additional information that is required.

Sincerely,

Michael S. McGuire

Michael S. McGuire
Manager, Manufacturing Engineering

Record of Communication

☐ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALL

TO:

File

FROM:

Tony Vinegar

DATE:

4/12/89

TIME:

10:00 A.M.

SUBJECT:

Location of Sealmaster Bearings Co.

SUMMARY OF COMMUNICATION:

Today I called the field office in Morehead, Ky. to find information concerning the location of the Sealmaster Bearings Co. This company was formerly Emerson Electric / Browning Mfg. and has since extended its company to perform a painting operation in Morehead.

The Sealmaster Bearings Co. is located off highway 60 a few miles out of downtown Morehead.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES

TO:

Record of Communication

☒ PHONE CALL
☐ CONFERENCE

☐ DISCUSSION
☐ OTHER

☐ ON-SITE
☐ ON-CALL

TO: *File*

FROM: *Tony Viegas*

DATE: *4/14/89*

TIME: *10:50 A.M.*

SUBJECT: *Site History and Production of Hazardous Wastes at Sealmaster Bearings Co.*

SUMMARY OF COMMUNICATION:

On Friday April 14, 1989 Mr. Mike McShure called me to answer a few questions that I had asked his receptionist about 10 minutes earlier.

Mr. McShure said that ~~the~~ company was built about 14 yrs. earlier at that location in Morehead. At the time it was named the Emerson Electric / Browning Mfg. . Three years ago the name was changed to Sealmaster Bearings Co., a division of Emerson Electric.

Hazardous wastes consisting of heavy metals are produced every three to four years at this company. At the present time there are no ~~hazardous~~ wastes generated at this company. Wastes are only generated periodically.

Mr. McShure was asked to send a memo documenting all that was discussed.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES

TO:

SEALMASTER, BEARINGS

MORSE INDUSTRIAL CORPORATION

SUBSIDIARY OF EMERSON ELECTRIC CO.

U.S. 60 West-Morehead, KY 40351

JUL 3 2 16 PM '86

RECEIVED
DIVISION OF
WASTE MANAGEMENT

July 1, 1986

Ms. Carol Glaser
Division of Waste Management
18 Reilly Road, Fort Boone Plaza
Frankfort, Kentucky 40601

Re: Permit Modification

Dear Ms. Glaser:

On October 1, 1985 our facility changed management. We were previously operated by the Browning Manufacturing Division of Emerson Electric Company. We are now under the management of Sealmaster Bearings. Sealmaster Bearings is owned by Morse Industrial Corporation, a subsidiary of Emerson Electric Company.

We would like to modify our permit (KYD080958937) to reflect the name change to Sealmaster Bearings and to register as a limited quantity generator per the recommendations of the Environmental Inspector, Debby L. Lucas. I have enclosed a copy of her letter.

The only potentially hazardous waste we anticipate will come from our paint line. It will be cleaned somewhere between once a year to once every three years on an as needed basis. It has a 1500 gallon capacity and a majority of the volume is distilled water. The waste will be in the forms of liquid, semi-solid, and solid matter. At this time I have no idea of what hazardous materials will be in the waste. We think that there will be some heavy metals.

I have contacted PPG Industries, the people who designed our system and who provide the coating materials, to work with us to predict what to expect. We have also requested them to work with us to test new compatible coating products that contain no heavy metals.

Please consider this modification request. If you have any questions please call me at (606) 784-6621. Thank you for your consideration.

Sincerely,

Michael S. McGuire

Michael S. McGuire
Manager, Manufacturing Engineering



DIVISION OF WASTE MANAGEMENT CERTIFICATE OF REGISTRATION

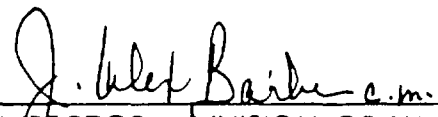


Sealmaster Bearings
101 Sealmaster Lane
Morehead, Kentucky 40351

The Division of Waste Management hereby issues the above-named installation a Certificate of Registration for the hazardous waste activity specified below. This Certificate is issued pursuant to KRS 224 and regulations issued pursuant thereto. This registration does not confer an unqualified right, but is subject to all applicable waste management provisions of KRS Chapter 224 and regulations promulgated pursuant thereto. Conformance with all such laws and regulations is the responsibility of the registrant. All rights of inspection by Division of Waste Management representatives are reserved.

Receipt of the registration fee specified below is hereby acknowledged.

COUNTY:	Rowan	REGISTRATION NUMBER:	KYD08-095-8937
LEGAL STRUCTURE:	Corporation	EFFECTIVE DATE:	July 3, 1986
REGISTRATION FEE:	N/A	EXPIRATION DATE:	N/A
ACTIVITY:	Limited Quantity Generator	DATE OF ISSUE:	July 23, 1986


DIRECTOR, DIVISION OF WASTE MANAGEMENT

MEMORANDUM

TO: Karen Glancy, Supervisor, MFO
Field Operations Branch
Division of Waste Management

FROM: Debby Lucas, EI *DL*
Field Operations Branch
Division of Waste Management

DATE: June 13, 1986

SUBJECT: Rowan Co., Routine Inspection of Sealmaster, Inc.
KYD080958937

KG JUL 2 1 36 PM '88
DIVISION OF
WASTE MANAGEMENT

On June 13, 1986, I conducted a routine inspection of the Sealmaster plant in Rowan County (Sealmaster was previously Browning Manufacturing). The purpose of the inspection was to determine if the site is a small or limited quantity generator. I met with Mike McGuire, plant engineer.

At the time of the inspection, according to McGuire and sample analyses, all waste they handle is non-hazardous.

Basically, they have four different wastes. These are:

- grinding swarf, which has a permit modification for disposal at Gateway Landfill (#087.03) in Montgomery County.
- cast iron chips, which are sold to a company in Lexington for resale to foundries, etc.
- mixed bulk waste, which is a mixture of all coolants, trap wastes and oils from over the plant.
- skimmed oil, which is the oil skimmed from the bulk waste.

All these wastes appear non-hazardous (see attached sample analyses). They intend to install an ultrafiltration unit for the bulk waste. The filtered material will be disposed in city sewers and the filtrate will probably be disposed at a sanitary landfill as a non-hazardous permit modification.

At this time, the bulk waste and oil skim are stored on-site. The bulk is picked up by Sargent's Waste Oil from Lucasville, Ohio. The oil skim is being stored prior to disposal (there is approximately 1,000 gallons bulk and 10 drums oil skim now on-site). McGuire said he would like to dispose of the oil skim at a sanitary landfill. I told him he would need

SEALMASTER, INC. - KYD080958937

ROWAN COUNTY

June 13, 1986

Page 2

JUL 2 1 35 PM '86

WASTE MANAGEMENT

to solidify it with flor-dry, sawdust, absorbant, etc. before offering for disposal at a solid waste disposal site.

According to McGuire, the only other waste they may have in the future is a paint waste from their paint booths. He said he was unsure of the type waste produced because he has not used this system before. He said the maximum amount of waste would be approximately 1,500 gallons, but said he could not state for sure whether the waste would be hazardous or non-hazardous. Because of the unknown characteristics of the waste, I told McGuire they may want to register as a limited quantity generator.

I later talked with Carol Glaser, Frankfort Central Office, who said it would probably be a good idea for them to register as a limited quantity. If, when the paint booths are cleaned the waste proves hazardous, then the number/site can be upgraded to the required status.

I intend to write Sealmaster a letter relating the above information. However, should the paint waste analyze as non-hazardous, there should be no problem with Sealmaster being a registered limited quantity.

DLL:bac

cc: Carl Schroeder
File

Attachments

MEMORANDUM

RECEIVED

MAR 12 10 58 AM '87

TO: Karen Glancy, Supervisor, MFO *KG*
Field Operations Branch
Division of Waste Management

FROM: Debby Lucas, EIS *DL*
Field Operations Branch
Division of Waste Management

DATE: February 27, 1987

SUBJECT: Rowan Co., Routine limited quantity generator inspection
of Sealmaster Bearings, KYD080958937

DIVISION OF
WASTE MANAGEMENT

On February 25, 1987, I conducted a routine limited quantity generator inspection of Sealmaster Bearings in Rowan County. I met with Mike McGuire, plant engineer.

Operations were essentially the same as during past inspections. They have registered as a limited quantity generator so that they have a registration number in the event their new paint line waste should prove hazardous. However, according to McGuire, they should not have waste from this process for at least two years.

They are in the process of installing an ultra filtration unit for their waste oil/waste coolant area. At this time, the non-hazardous materials are mixed together (see attachment for analysis) and shipped to Sargent Oil Company in Ohio. McGuire said the filtration unit should be working within two months. He said the only wastes they will have will be sludge from the process (which may or may not be hazardous) and on-spec oil.

He said he will dispose of the sludge in an approved manner when the time comes. However, he would like to take the on-spec oil to a sawmill for burning for energy recovery. He said he needs to know if this is acceptable and how many times he must sample the oil to remain in compliance with on-spec oil recovery.

According to Liz Gillespie on February 27, 1987, if the oil is from a consistent waste stream an initial sample should be enough, however, if the stream should change for any reason, further sampling would be advisable.

At this time, the site appears to be in compliance with state and federal requirements for a registered limited quantity generator.

DL:bac

C.M.

cc: Carl Millanti
Carol Glaser
Liz Gillespie
File

QUALITY CONTROL NO.: 129-100**T. M. REGAN, INC.**

LABORATORY SERVICES

TO: Sealmaster Bearings
101 Sealmaster Lane
Morehead, Kentucky 40351

SAMPLE SOURCE Waste Oil
Sample taken by client

Attn: Mr. Mike McGuire

NO. OF SAMPLES 1DATE/TIME RECEIVED: May 14, 1986 at 9:30am

TYPE SAMPLE: _____

DATE OF REPORT: June 4, 1986

CHARACTERISTICS OF HAZARDOUS WASTE PAART 261 - SUBPART C

Total Solids (% by wt.)	88.8%
Total Volatile Solids (% by wt.)	88.6%
Total Fixed Solids (% by wt.)	0.2%
Ignitability - Flashpoint (°F)	>140
Corrosivity - pH ₁	7.65
Reactivity	Nonreactive

EP TOXICITY

EXTRACT (mg/L)

Arsenic	<0.005
Barium	0.13
Cadmium	0.030
Chromium	<0.02
Lead	0.208
Mercury	<0.004
Selenium	<0.005
Silver	<0.005

BTU (BTU/lb)

26,377

Record of Communication

☒ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALLTO: *File*FROM: *Tony Vinegar*DATE: *4/27/89*TIME: *8:45*SUBJECT: *Morehead Area Water Lines (Sealmaster Bearings)*

SUMMARY OF COMMUNICATION:

On Thursday I called Morehead Utility Plant to discuss a time to visit the Morehead area. Mike Hill discussed a few of the lines with me. He mentioned that they supply an area within a mile of the Sealmaster Bearings Plant. The Morehead Utility Plant along with Morehead State Water Treatment Plant service most of the Rowan County and Morehead city area. We scheduled an appointment to meet on Monday at 11:30 A.M. May 1, 1989.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES

TO:

Record of Communication

☒ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALLTO: *File*FROM: *Tony Vinegar*DATE: *4/27/89*TIME: *8:10 PM.*SUBJECT: *Morehead Water Lines*

SUMMARY OF COMMUNICATION:

On Thursday, I called the Rowan Water Co. to discuss their service area. Mr. Henry Cline was very informative and told me that they service all of Rowan County outside the Morehead city limits and parts of areas inside the city limits. We discussed a time to meet, possibly between 10:00 and 12:00 on Monday May 1, 1989.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES

TO:

Record of Communication

☒ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALLTO: *File*FROM: *TONY Vinegar*DATE: *4/27/89*TIME: *1:30 P.M.*SUBJECT: *Morehead Groundwater Users*

SUMMARY OF COMMUNICATION:

On Thursday I called the Sportman's Paradise Restaurant at Morehead. They are located 10 miles outside of the Morehead city limits. They are considered a groundwater user which has the potential to serve 20 people. Ms. Veronica Wilson discussed that their water comes from underground at least one mile to the Restaurant. She also told me that many of the residents in the area are in need of an adequate surface water supply.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES

TO:

Record of Communication

☒ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALLTO: *File*FROM: *Tony Vinegar*DATE: *5/5/89*TIME: *11:20 P.M.*SUBJECT: *Water Lines near Sealmaster Bearings*

SUMMARY OF COMMUNICATION:

On Friday May 5, 1989 I called the Rowan Water Co. and spoke with Mr. Henry Cline to gather more information concerning the water of Morehead. Mr. Cline told me that they supplied approximately 98% of Morehead ~~and~~ and surrounding communities with a source of surface water that is pumped from the Licking River.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES
TO:

PUBLIC WATER SYSTEM NAME	STREET ADDRESS	CITY	ZIP	COUNTY	PHONE NO.	SOURCE	DIST	POPULATION
WESTERN ROCKCASTLE WATER ASSOC	PO BOX 275	MT VERNON	40456	ROCKCASTLE	606/256-5331	P	09	3,930
MOREHEAD UTILITY PLANT BD	BISHOP AVE	MOREHEAD	40351	ROMAN	606/784-7400	S	08	8,387
ROMAN WATER INC	110 HARGIS AVE	MOREHEAD	40351	ROMAN	606/784-9818	P	08	7,656
MOREHEAD STATE UNIVERSITY WTP	P O BOX 831	MOREHEAD	40351	ROMAN	606/783-3116	S	08	7,800
SPORTSMANS PARADISE RESTAURANT	RT 4 BOX 192 KY 1274	MOREHEAD	40351	ROMAN	606/784-7250	G	08	20
JANESTOWN MUNICIPAL WATER WORK	PO BOX 383	JANESTOWN	42629	RUSSELL	502/343-4185	S	07	2,145
RUSSELL SPRINGS WATER/SWR SYS	P O BOX 247	RUSSELL SPRINGS	42642	RUSSELL	502/866-3981	S	07	3,400
FOLEYS TRAILER PARK	RT 4	RUSSELL SPRINGS	42642	RUSSELL	502/866-6335	G	07	20
MCQUEARY TRAILER PARK	RT 5	RUSSELL SPRINGS	42642	RUSSELL	502/866-5214	G	07	60
PECKERWOOD PARK	US HWY 127 S	JANESTOWN	42629	RUSSELL		G	07	20
IRVIN TRAILER PARK	RT 6 BOX 207	RUSSELL SPRINGS	42629	RUSSELL		G	07	20
LAKE CUMBERLAND STATE PARK	P O BOX 488	JANESTOWN	42629	RUSSELL	502/343-3111	S	07	500
APPLE VALLEY TOWNHOUSE ASSOC	ROUTE 2 BOX 140	JANESTOWN	42629	RUSSELL	502/343-3205	S	07	337
LAKEWOOD COUNTRY CLUB	RT 2	RUSSELL SPRINGS	42642	RUSSELL	000/343-3921	G	07	150
CORPS ENGRS/WOLFE CRK POWER HS	RT 2 BOX 123	JANESTOWN	42629	RUSSELL	502/343-2582	S	07	25
UNION CHAPEL ELEM SCHOOL	RT 3	JANESTOWN	42629	RUSSELL	502/343-3191	S	07	250
COUNTRY DELITE	PO BOX 4	RUSSELL SPRINGS	42642	RUSSELL	502/343-2773	G	07	100
GEORGETOWN MUN WATER SERVICE	214 WEST MAIN ST	GEORGETOWN	40324	SCOTT	502/863-1156	S	06	12,151
STAMPING GROUND WATER WORKS	MAIN STREET	STAMPING GROUND	40379	SCOTT	502/535-6114	S	06	642
NORTH SHELBY WATER DISTRICT	P O BOX 97	BAGDAD	40003	SHELBY	502/747-8942	P	06	7,401
SHELBYVILLE WATER/SEWER COMM	P O BOX #608	SHELBYVILLE	40065	SHELBY	502/633-4562	S	06	14,355
U S 60 WATER DIST	P O BOX #97	BAGDAD	40003	SHELBY	502/747-8942	P	06	2,253
WEST SHELBY WATER DISTRICT	P O BOX 26	SIMPSONVILLE	40067	SHELBY	502/722-8944	P	06	1,848
FRANKLIN WATER WORKS	PO BOX 2835	FRANKLIN	42134	SIMPSON	502/586-5431	S	04	14,190
SIMPSON COUNTY WATER DISTRICT	PO BOX 1118	BOWLING GREEN	42101	SIMPSON	502/842-6541	P	04	6,240
TAYLORSVILLE WATER WORKS	P O BOX 305	TAYLORSVILLE	40071	SPENCER	502/477-2555	S	06	6,600
CAMPBELLVILLE MUN WATER SYS	P O BOX 398	CAMPBELLVILLE	42718	TAYLOR	502/465-5591	S	07	16,368
ELKTON WATER WORKS	P O BOX 578	ELKTON	42220	TODD	502/265-2539	P	02	1,850
GUTHRIE WATER WORKS	P O BOX 125	GUTHRIE	42234	TODD	502/483-2909	S	02	2,034
TRENTON WATER WORKS	PO BOX 72	TRENTON	42286	TODD	502/466-3332	S	02	759
TODD CO W D/ALLENSVILLE	P.O. BOX 836	ELKTON	42220	TODD	502/277-9048	P	02	294
TODD CNTY WATER DISTRICT	PO BOX 836	ELKTON	42220	TODD	502/277-9048	S	02	2,726
KY TENN LIVESTOCK ASSOC REST	P O BOX 245	GUTHRIE	42234	TODD	502/483-2504	G	02	24
BARKLEY LAKE WATER DISTRICT	PO BOX 308	CADIZ	42211	TRIGG	502/924-5616	S	02	7,350
CADIZ MUNICIPAL WATER CO	P O BOX 436	CADIZ	42211	TRIGG	502/522-8244	S	02	4,305
UZZLES TRAILER COURT	RT 1	CADIZ	42211	TRIGG	502/522-6288	P	02	56
LBL EEC EMPIRE FARM	PO BOX 27	GOLDEN POND	42231	TRIGG	502/924-5602	G	02	25
LBL SUGAR BAY	PO BOX 27	GOLDEN POND	42231	TRIGG	502/924-5602	G	02	25
LBL NORTH ENTRANCE STATION	PO BOX 27	GOLDEN POND	42231	TRIGG	502/924-5602	G	02	25
LBL HILLMAN FERRY B	PO BOX 27	GOLDEN POND	42231	TRIGG	502/924-5602	G	02	600
LBL CRAVEN TEEK	PO BOX 27	GOLDEN POND	42231	TRIGG	502/924-5602	G	02	25

GROUNDWATER USER DATA DOCUMENTATION

NAME OF SITE: Sealmaster Bearings

COUNTY: Rowan Co.

<u>RADIUS</u>	<u>HOUSE/BUILDING COUNT</u>	<u>POPULATION</u>
$\frac{1}{4}$ Mile	—	—
$\frac{1}{2}$ Mile	—	—
1 Mile	0	0
2 Miles	0	0
3 Miles	10	38.0
4 Miles	25	95.0

MEHTODOLOGY: House and building counts are taken from U.S.G.S Topographic map(s). These numbers are then multiplied by the conversion factor of 3.8 persons per household, as suggested in EPA's Uncontrolled Hazardous Waste Site Ranking System Users Manual, to obtain populations.

REFERENCES: U.S. G.S. Topographic Map of Bump
U.S. G.S. Topographic Map of Lumbert
U.S. G.S. Topographic Map of Morehead
U.S. G.S. Topographic Map of Salt Lick

COMMENTS: Most homes in the area are on municipal water.
There are 133.0 people that utilize private wells or cisterns in the area.

OVERSIZED

DOCUMENT

Record of Communication

☒ PHONE CALL☐ DISCUSSION☐ ON-SITE☐ CONFERENCE☐ OTHER☐ ON-CALL

File

FROM: Tony Vinegar

DATE: 4/25/89

TIME: 11:00

SUBJECT:

Sealmaster Bearings

SUMMARY OF COMMUNICATION:

Today I called the Morehead Field Office for more information concerning the Sealmaster Bearings Co. I was unable to speak with anyone at the time.

Later at about 11:00 A.M. Karen Glancey called me back to answer a few of my questions to offer her assistance. She told me that Sealmaster Bearings presents no problems at this time that she knows of, I agreed according the files there has been no recent complaints.

CONCLUSIONS, ACTION TAKEN OR REQUIRED:

INFORMATION COPIES
TO:

FY87 Compliance Monitoring and Enforcement Log (CML)

1. Facility ID#: K1419101810191518191317 OR 3. if non-notifier: _____ address _____
2. Handler Name: SEA/MASTER BEARINGS Rowan city, state _____
4. Date of initial evaluation: 87/02/25 MOREHEAD OFFICE EMPLOYEE INITIAL Edw

For evaluation covered by this report:

5. Responsible Agency: 5 S = State E = EPA C = EPA Contractor
B = State Contractor X = Oversight
6. Type of Evaluation: 1 1 = CEI 5 = Follow Up 9 = Closed Facility 80 = Informal Meetings
2 = Sampling 6 = Citizen Complaint 10 = General (LOIS for EPA)
3 = Record Review 7 = Part B 11 = Case Development
4 = CME 8 = Withdrawal Candidate 12 = Corrective Action
7. Date of Evaluation: / / (Optional: Responsible person _____)

8. Area and Class of Evaluation: Enter X, O, or Z in the Class I row.
Make entry in Class II row only if actual Class II violation exists.

Class of Violation	Area of Violations							
	GW	CP	FR	PB	CS	MA	OT	CA
I							O	
II							O	

RECEIVED
MAR 12 10 58 AM '87
DIVISION OF
WASTE MANAGEMENT

Comments: (80 characters): Site appears in compliance with requirements

9. Enforcement Actions:

Class	Violation (Code)	Date Action Taken	Compliance Dates		Penalty		Responsible Agency	Responsible Person
			Sched	Actual	Assessed	Collected		

- | | | | |
|-------------------------|-------------------------|----------------------------|---------------------------|
| 02 = 3007 Info request | 06 = 3013 complaint | 12 = filed criminal action | 17 = CERCLA 106 order |
| 03 = warning/NOV letter | 07 = 3013 final order | 13 = NOV to State | 18 = Civil referral |
| 04 = admin. complaint | 10 = informal | 14 = NOV to EPA | 19 = final judicial order |
| 05 = final admin. order | 11 = filed civil action | 15 = 3008 (h) complaint | (on civil case) |

Status of handler: Handler in compliance with schedule in order: Yes ___ or No ___

Date status evaluated: / /

CHARLOTTE E. BALDWIN
SECRETARY



MARTHA LAYNE COLLINS
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FORT BOONE PLAZA
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601

MEMORANDUM

TO: Barry Burrus, Chief *BB*
Uncontrolled Site Section

THRU: Bob Prewitt, Environmentalist *QSP*
Uncontrolled Site Section

FROM: Bob Burns, Environmentalist
Uncontrolled Site Section

DATE: February 13, 1984

SUBJECT: Preliminary Assessment Report for the Emerson Electric Company
Rowan County

This facility generates paint wastes, solvents, and waste oils, which have passed EP toxicity and flashpoint tests. There have been no documented environmental problems concerning this facility. Waste solvents and oils are sent to the Maysville plant for recycling and sale. Waste paint sludge, solvents, and waste oils are also disposed at the Gateway Services Corporation landfill in Mount Sterling, Ky. (EPA I.D.: KYD980557094).

An inspection conducted June 24, 1983 by Debby Porter (Morehead Field Office) found this facility in good order.

This site's appearance on ERRIS is due to their Part A application which was withdrawn October, 1982. Upon review of the available information, no further action is deemed necessary at this facility.

BB/kwb

ENDANGERED SPECIES

SPECIES NAME	COMMON NAME	KAS-KNPC	FEDERAL STATUS
MOREHEAD			
2 - Monarda Puctata	Dotted Monarda	E	"
4 - Calopogon Tuberosus	Grass Pink	E	"
5 - Solidago Roanesis	Roan Mountain Goldenrod	T	"
6 - Cypripedium Kentuckiense	Ky. Lady Slipper	S	C2
11 - Melampyrum Lineare	Cow Wheat	E	"
12 - Plecotus Rafinesque	Rafinesque's Big-eared Bat	T	C2
13 - Myotis Keenii	Keenes Myotis	S	"
14 - Cypridium Paruiflorum	Small Yellow Lady Slipper	E	"
16 - Gentian Alba	Yellowish Gentian	E	"
17 - Viburnum Lentago	Nannyberry	E	"
18 - Percopsis Omiscomaycus	Trout Perch	S	"
19 - Neotonia Floridona Mogister	Eastern Wood Bat	T	"
20 - Polomonium Reptans Varvillosom	Hairy Jacob's Ladder	S	C2
BANGOR			
5 - Oryzopsis Racemosa	Black-seeded Rice Grass	T	"
6 - Lilium Philadelphicum	Wood Lily	S	"
7 - Thaspium Pinmatifidom	Cutleaf Meadow Parsnip	S	"
8 - Polygala Nuttallii	Nuttall's Milkwort	E	"
18 - Gentian Alba	Yellowish Gentian	"	

LEGEND

T - Threaten
 S - Special Concern
 E - Endangered
 " - Unknown Status

Endangered (E). A species which is in danger of extirpation and/or extinction throughout all or a significant part of its range in Kentucky.

Threatened (T). A species which is likely to become endangered within the foreseeable future throughout all or a significant part of its range in Kentucky.

Special Concern (S). A species that should be monitored because (a) it exists in a limited geographic area, (b) it may become threatened or endangered due to modification or destruction of habitat, (c) certain characteristics or requirements make it especially vulnerable to specific pressures, (d) experienced researchers have identified other factors that may jeopardize it, or (e) it is thought to be rare or declining but insufficient information exists for assignment to the threatened or endangered status categories.

Federal status categories and definitions used include:

Endangered (E). "...any species which is in danger of extinction throughout all or a significant portion of its range..." (1).

Threatened (T). "...any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range" (1).

Category 1 (C1). Status review taxa for which the United States Fish and Wildlife Service "...has substantial information on hand to support the biological appropriateness of proposing to list as endangered or threatened" (7).

Category 2 (C2). Status review taxa for which information now in possession of the United States Fish and Wildlife Service "...indicates that proposing to list as endangered or threatened is possibly appropriate, but for which conclusive data on biological vulnerability and threat are not currently available to support proposed rules" (7).

For internal use only
Not for public release



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
Ky KYD080958937

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Sealmaster Bearings		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER off U.S. 60, 101 Sealmaster Ln.			
03 CITY Morehead	04 STATE Ky.	05 ZIP CODE 40351	06 COUNTY Rowan	07 COUNTY CODE 205	08 CONG DIST 7
09 COORDINATES LATITUDE 38 08 00.0		LONGITUDE 083 32 00.0			

10 DIRECTIONS TO SITE (Starting from nearest public road)
Take U.S. 64 East from Frankfort approximately 100 miles to Morehead at 64 Exit, Follow 64 into city turn right on U.S. 60 go southwest approximately 4 miles to Sealmaster

III. RESPONSIBLE PARTIES

01 OWNER (if known) Emerson Electric Co.		02 STREET (Business, mailing, residential)			
03 CITY St. Louis	04 STATE Mo.	05 ZIP CODE 63136	06 TELEPHONE NUMBER (314) 553-2000		
07 OPERATOR (if known and different from owner) Mike McGuire		08 STREET (Business, mailing, residential) U.S. 60 West			
09 CITY Morehead	10 STATE Ky	11 ZIP CODE 40351	12 TELEPHONE NUMBER (606) 784-6621		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name)
☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify)
☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (RCRA 103(c)) DATE RECEIVED: _____ MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE May 11 89 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 4 yrs. 1985 - _____ BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Heavy Metals

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection on time schedule basis) ☒ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Ms. Karen Clancy		02 OF (Agency Organization) Morehead Field Office		03 TELEPHONE NUM (606) 784-6637	
04 PERSON RESPONSIBLE FOR ASSESSMENT Mr. Tony Vinegar		05 AGENCY Env. Protection	06 ORGANIZATION K D W M	07 TELEPHONE NUMBER (502) 564-6716	08 DATE May 11 89 MONTH DAY YEAR

REGION: 04
STATE : KY

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 17
RUN DATE: 04/23/87
RUN TIME: 09:11:05

M.2 - SITE MAINTENANCE FORM

		* ACTION: _	*
EPA ID : KYD080958937			
SITE NAME: EMERSON ELEC CO/BROWNING MFG DIV	SOURCE: H	* _____	*
STREET : US 60 W	CONG DIST: 07	* _____	*
CITY : MOREHEAD	ZIP: 40351	* _____	*
CNTY NAME: ROWAN	CNTY CODE : 205	* _____	*
LATITUDE : 38/08/00.0	LONGITUDE : 083/32/00.0	* ____/____/____.	*
LL-SOURCE: R	LL-ACCURACY:	* _	*
SMSA :	HYDRO UNIT: 05100101	* _____	*
INVENTORY IND: Y	REMEDIAL IND: Y	REMOVAL IND: N	FED FAC IND: N
NPL IND: N	NPL LISTING DATE:	NPL DELISTING DATE:	
SITE/SPILL IDS:			
RPM NAME:	RPM PHONE: - -	* _____	*
SITE CLASSIFICATION:	SITE APPROACH:	* _	*
DIOXIN TIER:	REG FLD1:	REG FLD2: 6	
RESP TERM: PENDING ()	NO FURTHER ACTION ()	* PENDING ()	NO FURTHER ACTION ()
ENF DISP: NO VIABLE RESP PARTY ()	VOLUNTARY RESPONSE ()	* _	_
ENFORCED RESPONSE ()	COST RECOVERY ()	* _	_
SITE DESCRIPTION:			
	* _____		
	* _____		
	* _____		
	* _____		

REGION: 04
STATE : KY

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 18
RUN DATE: 04/23/87
RUN TIME: 09:11:05

M.2 - PROGRAM MAINTENANCE FORM

SITE: EMERSON ELEC CO/BROWNING MFG DIV

EPA ID: KYD080958937 PROGRAM CODE: H01 PROGRAM TYPE:

PROGRAM QUALIFIER: ALIAS LINK :

PROGRAM NAME: SITE EVALUATION

DESCRIPTION:

* ACTION: _

*

*

*

*

*

*

*

*

*

*

*

*

*

*

REGION: 04
STATE : KY

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 19
RUN DATE: 04/23/87
RUN TIME: 09:11:05

M.2 - EVENT MAINTENANCE FORM

SITE: EMERSON ELEC CO/BROWNING MFG DIV
PROGRAM: SITE EVALUATION

EPA ID: KYD080958937 PROGRAM CODE: H01

EVENT TYPE: DS1

FMS CODE: EVENT QUALIFIER :

EVENT LEAD: E

EVENT NAME: DISCOVERY

STATUS:

DESCRIPTION:

* ACTION: _

* _ _ _ _ _
* _ _ _ _ _
* _ _ _ _ _
* _ _ _ _ _

ORIGINAL

CURRENT

ACTUAL

START:

START:

START:

* _/_/_ _/_/_ _/_/_ *

COMP :

COMP :

COMP : 08/01/80

* _/_/_ _/_/_ _/_/_ *

HQ COMMENT:

* _ _ _ _ _

RG COMMENT:

* _ _ _ _ _

COOP AGR #

AMENDMENT #

STATUS

STATE %

0

* _ _ _ _ _

REGION: 04
STATE : KY

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 20
RUN DATE: 04/23/87
RUN TIME: 09:11:05

M.2 - EVENT MAINTENANCE FORM

* ACTION: _

SITE: EMERSON ELEC CO/BROWNING MFG DIV
PROGRAM: SITE EVALUATION

EPA ID: KYD080958937 PROGRAM CODE: H01

EVENT TYPE: PA1

FMS CODE: EVENT QUALIFIER :

EVENT LEAD:

EVENT NAME: PRELIMINARY ASSESSMENT

STATUS:

DESCRIPTION:

* _____ *

* _____ *

* _____ *

* _____ *

ORIGINAL

CURRENT

ACTUAL

START:

START:

START:

* __/__/__ __/__/__ __/__/__ *

COMP :

COMP :

COMP : 06/01/83

* __/__/__ __/__/__ __/__/__ *

HQ COMMENT:

* _____ *

RG COMMENT:

* _____ *

COOP AGR #

AMENDMENT #

STATUS

STATE %

0

* _____ *

REGION: 04
STATE : KY

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 21
RUN DATE: 04/23/87
RUN TIME: 09:11:05

M.2 - COMMENT MAINTENANCE FORM

SITE: EMERSON ELEC CO/BROWNING MFG DIV

EPA ID: KYD080958937

COM
NO COMMENT

001 "NO" PART A- ON FILE

ACTION

* - _____ *

* _____ *



POTENTIAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION **IV** SITE NUMBER **KY08095**

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency, Site Tracking System, Hazardous Waste Enforcement Task Force (EN-335), 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME **Emerson Electric/Browning Mfg Div** B. STREET **US 60 W**
C. CITY **Morehead (Rowan Co.)** D. STATE **KY** E. ZIP CODE **40351**

II. TENTATIVE DISPOSITION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	ACTION AGENCY				
	MARK 'X'	EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED (If yes, complete Section III.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
C. REMEDIAL ACTION NEEDED (If yes, complete Section IV.)					
ENFORCEMENT ACTION NEEDED (If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)					

E. RATIONALE FOR DISPOSITION

PA does not document past disposal practices.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION
(mo., day, & yr.)

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE
ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED
(mo., day, & yr.)

H. PREPARER INFORMATION

1. NAME **Elizabeth Seely** 2. TELEPHONE NUMBER **(409) 881-2234** 3. DATE (mo., day, & yr.) **12-05-89**

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

Was waste ever disposed on site?

B. PROPOSED INVESTIGATIVE ACTIVITY (Detailed Information)

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION (mo., day, & yr.)	3. TO BE PERFORMED BY (EPA, Con- tractor, State, etc.)	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1)				
(2)				
(3)				
b. TYPE OF MONITORING				
(1)				
(2)				
c. TYPE OF SAMPLING				
(1)				
(2)				

III. INVESTIGATIVE ACTIVITY NEEDED and PART B. PROPOSED INVESTIGATIVE ACTIVITY (Continued)

d. TYPE OF LAB ANALYSIS				
(1)				
(2)				
e. OTHER (specify)				
(1)				
(2)				

f. ELABORATE ON ANY OF THE INFORMATION PROVIDED IN PART B (on front & above), AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK.

D. ESTIMATED MANHOURS BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES
a. EPA		b. STATE	
c. EPA CONTRACTOR		d. OTHER (specify)	

IV. REMEDIAL ACTIONS

A. SHORT TERM EMERGENCY STRATEGY (On Site & Off-Site) List all emergency actions needed to bring site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the space below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

B. LONG TERM STRATEGY (On Site & Off-Site) List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE (mo, day, & yr)	3. EST. END DATE (mo, day, & yr)	4. ACTION AGENCY (EPA, State, Private Party)	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				\$	
				\$	
				\$	
				\$	
				\$	
				\$	

C. ESTIMATED MANHOURS AND COST BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. PRIVATE PARTIES			d. OTHER (specify)		

CHARLOTTE E. BALDWIN
SECRETARY



MARTHA LAYNE COLLINS
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FORT BOONE PLAZA
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601

**Preliminary Assessment Report
Transmittal Letter**

**CONFIDENTIAL
DO NOT QUOTE OR CITE.**

February 8, 1984

Reference

Mr. Walton Jones
EPA 3012 Regional Project Officer
Air & Hazardous Materials Division
U.S. Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Subject: FINAL PRELIMINARY ASSESSMENT REPORT
Site Name: Emerson Electric Company, Morehead
EPA ID SITE #KY00958937
Site Location: U.S. 60 West, Morehead, Ky. 40351

Dear Mr. Jones:

Submitted herewith is a final Preliminary Assessment report for the subject Site.

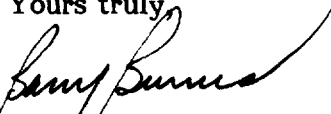
Based on our review of the available data we have concluded that:

This facility was listed as a hazardous waste generator because of the generation of waste paint sludge, solvents and waste oil. Their Part A was withdrawn in October, 1982 after their wastes passed EP toxicity and flashpoint tests. Waste solvents and oils are recycled by Sargent Oil, West Portsmouth, Ohio. Waste paint sludge, solvents, and waste oil are also disposed at the Gateway Service Corporation, Mt. Sterling, Ky. (EPA I.D.: KYD980557094).

This facility appears to be handling their wastes in accordance with RCRA requirements. There have been no documented complaints concerning environmental contamination from this facility. No further action is deemed necessary at this facility.

If you have any questions please contact me.

Yours truly,

A handwritten signature in cursive script, appearing to read "Barry Burrus".

Barry Burrus, Chief
Uncontrolled Sites Section
Division of Waste Management

BB/kwb



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
KY 00958937
EPA ID# KYD080958937

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)
Emerson Electric; Browning Mfg. Division
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
U.S. 60 West
03 CITY
Morehead
04 STATE 05 ZIP CODE 06 COUNTY 07 COUNTY CODE 08 CONG DIST
Ky 40351 Rowan 103
09 COORDINATES LATITUDE LONGITUDE
38° 08' 00.0" 083° 32' 00.0"
10 DIRECTIONS TO SITE (Starting from nearest public road)

U.S. 60 West towards Cave Run Lake, approx. 4 mi. from Morehead

III. RESPONSIBLE PARTIES

01 OWNER (If known)
Emerson Electric Company
02 STREET (Business, mailing, residential)
8100 Florissant Ave.
03 CITY
St. Louis
04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER
Mo 63136 314 553-2000
07 OPERATOR (If known and different from owner)
Mike McGuire
08 STREET (Business, mailing, residential)
U.S. 60 West
09 CITY
Morehead
10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER
KY 40351 606 784-6621
13 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL: (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: / / MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 d) DATE RECEIVED: / / MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES DATE 6 24 83 MONTH DAY YEAR
☐ NO
BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☒ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: (Specify)
CONTRACTOR NAME(S):

02 SITE STATUS (Check one)
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN
03 YEARS OF OPERATION
BEGINNING YEAR ENDING YEAR ☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Paint Sludge, waste oil

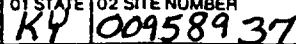
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (inspection required promptly) ☐ B. MEDIUM (inspection required) ☐ C. LOW (inspect on time available basis) ☒ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT
Len Gray, Debby Porter
02 OF (Agency, Organization)
DNREP, Morehead Field Office
03 TELEPHONE NUMBER
606 784-6634
04 PERSON RESPONSIBLE FOR ASSESSMENT
Robert Burns, Environmentalist
05 AGENCY
Envir. Protection Div. of Waste Man.
06 ORGANIZATION
1502 564-6716
07 TELEPHONE NUMBER
08 DATE
12 28 83 MONTH DAY YEAR



☐ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☒ M. NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
KY 00958937

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____
(Acres)

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

KY 00958937

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include names of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

This facility generates waste paint sludge. Analysis has shown that these wastes are non-hazardous. The facility is disposing of waste paint at the Gateway Services landfill in Montgomery County, Ky (EPA # KYD480557094).

V. SOURCES OF INFORMATION (Cite specific references, e. g., State reg., sample analysis, reports)